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**From:** Sanchez, Yolanda [Sanchez.Yolanda@epa.gov]  
**Sent:** 8/9/2019 4:14:23 AM  
**To:** Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) [derek.j.robinson1@navy.mil]  
**CC:** Praskins, Wayne [Praskins.Wayne@epa.gov]; LEE, LILY [LEE.LILY@EPA.GOV]  
**Subject:** Aug 26 CAC Meeting

Derek,

I'm glad we had a moment on July 31<sup>st</sup> to discuss the upcoming Environmental & Reuse Subcommittee of the Mayor's HPS CAC meeting where we are both presenting. During your presentation at the April meeting, Dr. Hunnicutt encourage us to have our information more coordinated prior to presenting at the next meeting. It seems that we agree that the goal of coordinating for this meeting is to be able to showcase where EPA and the Navy are on the same page; another goal is to be able to also represent places we may not be on the same page or continuing to have healthy discussions.

It's great to know the Navy's plan is to discuss the progress of the soil reference background sampling, the Five-Year Review report and the draft long-term protectiveness evaluation of the soil remedial goals. It's helpful to know you plan to bring your health physicist and RESRAD expert and are preparing Qs and As based on previous discussions with the public, as well as developing some slides specific to showcase site-specific factors into PRG Calculator or RESRAD.

In the meantime, we look forward to reviewing your evaluation of the soil remedial goals in addition to the RESRAD fact sheet the Navy just issued.

Regarding message #3 below: While we understand RESRAD is the preferred tool for the Navy, the PRG Calculator is the preferred tool for Superfund site cleanups implemented under CERCLA and the NCP. The reason is because the PRG Calculator was built to implement Superfund risk assessment processes, including the target cancer risk range, reasonable maximum exposure, and the additivity of chemical and radionuclides. As we discussed, the HQ consultation in using RESRAD will help ensure the site-specific use of RESRAD is appropriate for the protection of public health and the environment under CERCLA.

As we discussed, I will be briefly presenting for EPA at the HPS CAC meeting. We will focus on our role in the site and implementation of CERCLA. I expect Wayne and Chris Hage will attend the meeting, along with either John or Angeles.

**Yolanda Anita Sanchez, MS, MPA**

US Environmental Protection Agency || Region 9 || Community Involvement for Superfund

**Desk:** 415-972-3880

*"Start where you are. Use what you have. Do what you can." - Arthur Ashe*

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**From:** Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>  
**Sent:** Tuesday, July 30, 2019 2:16 PM  
**To:** Sanchez, Yolanda <Sanchez.Yolanda@epa.gov>  
**Subject:** Aug 26 CAC Meeting

Hi Yolanda,

I talked to Lily/Wayne about the building evaluation coming up and also brought up the below messaging for the RESRAD/PRG discussion that will likely come up if Castleman or Hirsch attend the Aug 26 CAC .

My plan is to discuss progress with the background sampling and the 5YrReview/Soil Evaluation, that will both be out.

Talk to you tomorrow.

Derek

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**From:** Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA)  
**Sent:** Monday, July 29, 2019 2:36 PM  
**To:** LEE, LILY <LEE.LILY@EPA.GOV>; Praskins, Wayne <Praskins.Wayne@epa.gov>  
**Subject:** RE: Discuss building RG evaluation

Hi Lily/Wayne,

As mentioned, I have a few "main" messages that I want to run by you prior to the Aug 26 CAC meeting. See below...

1. The PRG calculator is a valuable tool that can be used to develop screening levels. With site specific factors, it can also be used to develop site remedial goals.
2. The Navy has been inconsistent in the past, using both the PRG calculator and RESRAD (and other) to develop remedial goals.
3. RESRAD is a trusted and industry standard tool used for determining dose and risk due to radiological contamination and is used by other federal agencies, including the NRC and DOE. In most cases, RESRAD will be the preferred tool for Navy work for future evaluations.
4. An evaluation of soil RGs using both RESRAD and the PRG calculator has been prepared and is available on the Navy website. The evaluation shows that the RESRAD and PRG calculator indicated that the soil RGs are protective and produced consistent results. [this evaluation will likely be posted next week]

Please let me know if you have any questions/comments/concerns. As mentioned, it would probably be beneficial to meet prior to the meeting.

Thank you!

Derek

-----Original Appointment-----

**From:** Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA)  
**Sent:** Tuesday, July 23, 2019 3:00 PM  
**To:** Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA); LEE, LILY; Praskins, Wayne  
**Subject:** Discuss building RG evaluation  
**When:** Monday, July 29, 2019 9:00-9:30 (UTC-08:00) Pacific Time (US & Canada).  
**Where:** teleconference